

Inside Wallops

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NASA Selects Student Experiments To Fly On Sounding Rocket

NASA has selected students from nine schools around the country to prepare and fly their experiments on a NASA sounding rocket.

During the next four weeks students and their teachers will work with engineers and technicians from NASA Wallops Flight Facility to prepare their experiments for flight. The student experiments will be flown on a single-stage Orion sounding rocket currently scheduled for June 8.

The students will study the effects of the flight environment, such as radiation and high gravitational forces, on a variety of materials as the rocket flies to an altitude more than 25 miles above Earth. In addition, atmospheric and solar experiments will be conducted.

"Sounding rockets provide the opportunity for students to fully experience the thrill of developing their own experiment and have hands-on involvement in a NASA rocket project," said Phil Eberspacher, chief of the Sounding Rocket Program Office. "We hope this experience shows them the cool stuff NASA does and that they will want to come be a part of the

team as we explore the universe," he added.

The teams were competitively selected to participate in the national program. Four teams were selected as part of the NASA Student Involvement Program (NSIP) while the other five were selected as part of the FreeSPACE program.

The NSIP program is a national program of six investigations and design challenges for grades K-12 that link students directly with NASA's exciting missions of exploration and discovery.

The FreeSPACE project offers students an opportunity to fly secondary experiments on NASA Sounding Rocket Program missions. The schools participating in the FreeSPACE project were selected through the NASA Explorer Schools program.

The schools represent 5 of the 100 NASA Explorer Schools in the program at the present time. Over a three-year period the schools partner with NASA to increase student interest, performance and participation in science, mathematics, and technology fields of study and careers.

Approximately 35 NSIP and FreeSPACE students will spend the launch week participating in the final preparations of the experiments and launch reviews, receive instruction in rocketry, view the launch of the rocket, and begin analysis of their data.

The winning entrees in the NSIP flight opportunities competition are:

- North Carolina School of Science and Mathematics, Durham, N.C.
- Columbus High School, Columbus, Ga.
- Susan E. Wagner High School, Staten Island, N.Y.
- Glenbrook North High School, Northbrook, Ill.

The FreeSPACE schools are:

- Greencastle-Antrim High School, Greencastle, Pa.
- North Ridge Elementary School, Moreno Valley, Calif.
- Key Peninsula Middle School, Lakebay, Wash.
- Waimea Middle School, Kamuela, Hawaii
- Wendover High School, Wendover, Utah

Wallops Employees Attend Space Shuttle Emergency Landing Training at Oceana Naval Air Station



Photo provided by Rob Hurley

Left to right: Sonny Hall, Rob Hurley, Billy Birch, Chuck Chessner, David Kulley, Tim McCready, Jay Summers (DoD Manned Space Flight Support Office), David Allen, and Wayne Borrmann. Not pictured Jay Brown.

60th Anniversary Kick-off
at 11 a.m. on May 9
Building D-10, Gymnasium

Come over and see the video created by Rebecca Hudson, a co-op in the Public Affairs Office, that will be featured on NASA night, July 2 during the Shore Birds game in Perdue Stadium. A drawing will be held for two tickets to the game donated by the Wallops Exchange and Morale Association (WEMA).

Delegate Lynwood Lewis will be on hand to present a Commendation from the Commonwealth of Virginia recognizing the 60th Anniversary of NASA Wallops Flight Facility.

Inspire the Next Generation and Earth Day Events



*To all those who helped with both
events..... Thank You!*



21 pints of blood were collected
during the American Red Cross
blood drive held April 27.
Thank you!

New Date for Shuttle Launch

NASA has announced July 13 to 31 is the new launch planning window for the Space Shuttle Discovery mission. The new window gives the agency time to do additional work to ensure a safe Return to Flight for Discovery and its crew.

Celebrating 60 years of Exploration

May 7, 1945
Wallops Station was established
under NACA Langley
Aeronautical Laboratory.

May 8, 1953
First launch of a cluster of three
Deacon rockets as a booster
from NACA's Wallops Station.

Wallops Shorts.....

Congratulations

Margaret (Peggy) Belote retired effective April 29 with 35 years of government service. Belote retired as a mail and file assistant in the Suborbital and Special Orbital Projects Directorate.

In the News

Palestine (Texas) Herald-Press
"Bill Introduced to Name NSBF after
Columbia"

On the Road

Josh Bundick, NASA Environmental Office, judged the Regional Envirothon Competition at the Virginia Tech Agricultural Research Center, Painter Va., on April 21.

Mike Hitch, NASA Policy and Business Relations Office, participated in the Fruitland Intermediate School Career Fair on April 28.

Correction

A photo caption in the April 25 "Inside Wallops" should have read Photo by Justin Senter.



**Wallops Exchange & Morale
Association and the
Morale Activities Committee
present**

**Cinco de Mayo Party
Thursday, May 5
Lotsa food - and drink specials**

**Come join the Fiesta!!
At 5 p.m. in Building F-3
(Rocket Club)**

Inside Wallops is an official publication of Goddard Space Flight Center and is published by the Wallops Office of Public Affairs, Extension 1584, in the interest of Wallops employees. Recent and past issues of *Inside Wallops* also may be found on the NASA Wallops Flight Facility homepage: www.wff.nasa.gov

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